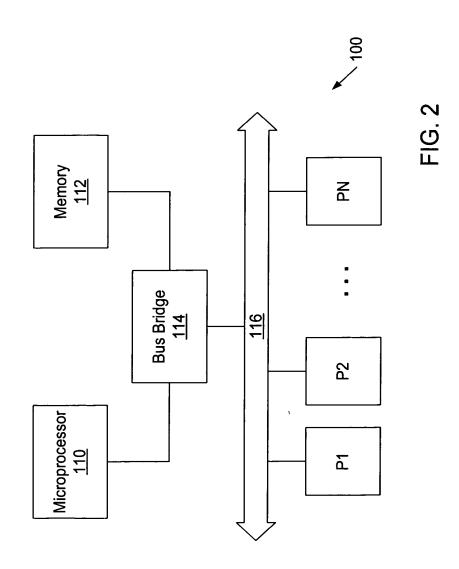
APR 1 4 2004 18	
RADEMANT ST	

	Base 10 Binary	Binary
Scalar Multiplication		
Scalar Multiplicand	24	0001 1000 (8-Bit)
Scalar Multiplier	200	1100 1000 (8-Bit)
Scalar Final Product	4800	0001 0010 1100 0000 (16-Bit)
Vector Multiplication		
		:
Vector Multiplicand	(12, 5)	(12, 5) 1100 0101 (4 Bits Per Component)
Vector Multiplier	(7, 4)	0111 0100 (4 Bits Per Component)
Vector Final Product	(84, 20)	(84, 20) 0101 0100 0001 0100 (8 Bits Per Component)

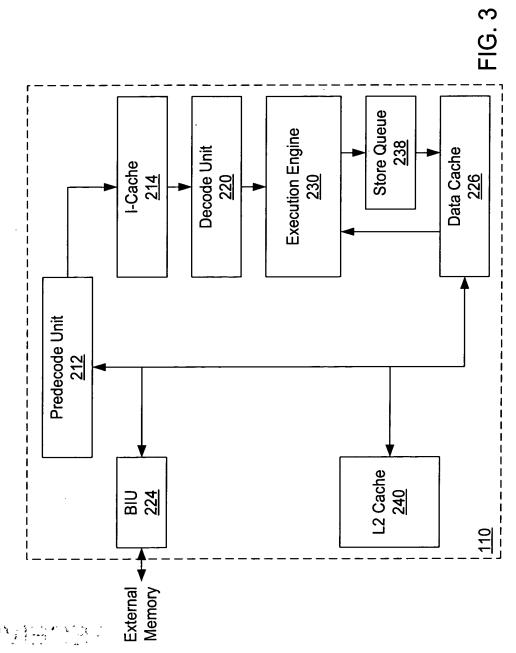
FIG. 1





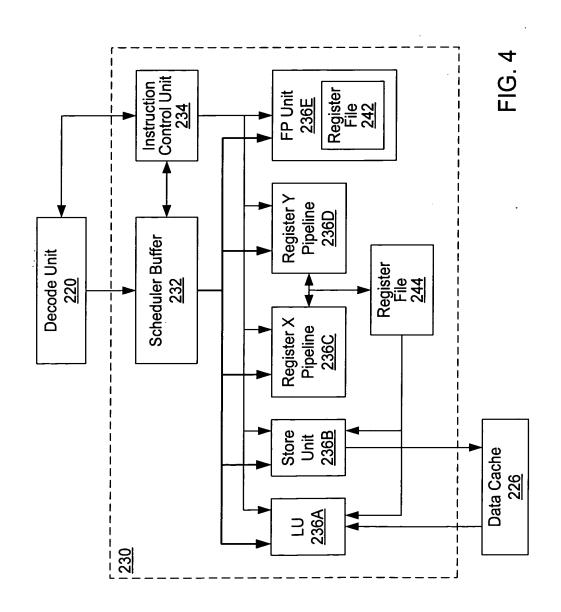
Total sales of the sales of the





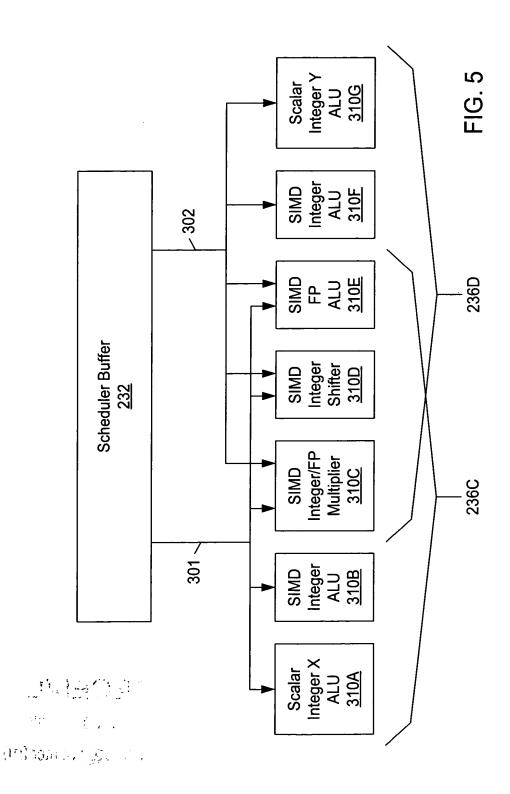
Orshandi gottori





018 to 1.0 % (\$10 mm)







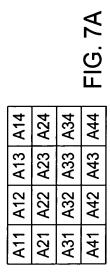


FIG.	1		
AR4		A14'	A24'
AR3		A13'	A23'
AR2		A12'	A22'
AR1		A11'	A21'

			正
A14'	A24'	A34'	A44'
A13'	A23'	A33'	A43'
A12'	A22'	A32'	A42'
A11'	A21'	A31'	A41'

A4C				Ш
A3C'				FIG. 7E
<u>ပ</u>	A14"	A24"	A34"	A44"
A2C'	A13"	A23"	A33"	A43"
ن ن	A12"	A21" A22" A23" A24"	A31" A32" A33" A34"	A42"
A1C'	A11" A12" A13" A14"	A21"	A31"	A41" A42" A43" A44"

		Increment R 608			Increment C 616	FIG. 6
"2D Transform Of R _{Max} x C _{Max} Block" Row Index R=1 602	Perform Transform On Row R	R <r<sub>Wax?</r<sub>	Column Index C=1	Perform Transform On Column C 612	C <c<sub>Max ?</c<sub>	Return Transformed Block



	B11	B21	B31	B41
	A14	A24	A34	A44
	A13	A23	A33	A43
	A11 A12 A13 A14 B11	A21 A22 A23 A24 B21	A31 A32 A33 A34 B31	A41 A42 A43 A44 B41
	A11	A21	A31	A41
)		"	=1G. 9A
۰. ۰				9

ANI DNI ANZ BNZ ANS BNS ANS

BR4

3' B43' A44'
, in
A33
B32'
A32 A42'
B41'
A31 A41'

	A4C'	
	B3C'	
	A3C'	
	B2C'	
	A2C'	
	B1C'	
	A1C'	
1	FIG. 9D	

B14"	B24"	B34"	B44"
B13"	B23"	B33"	B43"
B12"	B22"	B32"	B42"
B11"	A21" A22" A23" A24" B21" B22" B23" B24"	A31" A32" A33" A34" B31" B32" B33" B34"	A41" A42" A43" A44" B41" B42" B43" B44"
A14".	A24"	A34"	A44"
A13"	A23"	A33"	A43"
A12"	A22"	A32"	A42"
A11" A12" A13" A14" B11" B12" B13" B14"	A21"	A31"	



A11	A12	A13	A14
A21	A22	A23	A24
A31	A32	A33	A34
A41	A42	A43	A44

FIG. 8A

AR1 AR2	AR3	AR4
---------	-----	-----

FIG. 8B

A11'	A12'	A13'	A14'
A21'	A22'	A23'	A24'
A31'	A32'	A33'	A34'
A41'	A42'	A43'	A44'

FIG. 8C

A1C'	A2C'	A3C'	A4C'

FIG. 8D

A11"	A12"	A13"	A14"
A21"	A22"	A23"	A24"
A31"	A32"	A33"	A34"
A41"	A42"	A43"	A44"

FIG. 8E